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☐ 1. Document ID: US 20040015893 A1

L15: Entry 1 of 4

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040015893

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040015893 A1

TITLE: Method and apparatus for synchronized previewing user-interface appearance on multiple platforms

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Banavar, Guruduth Somasekhara	Yorktown Heights	NY	US	
Bergman, Lawrence D.	Mt.Kisco	NY	US	
Kichkaylo, Tatiana	Jersey City	NJ	US	
Sussman, Jeremy	Mt.Kisco	NY	US	

US-CL-CURRENT: 717/138; 717/105, 717/113

ABSTRACT:

A method and structure for emulating on a single display platform an application's user interface as it would appear on each of a number of target devices, given a set of device characteristics for any device to be emulated and a formal description of one or more applications to be emulated. The method includes combining a selected one or more of the device characteristics and a selected one of the application formal descriptions and providing a simultaneous and consistent display representation for the selected application, so as to provide a stylized rendering of the selected application's interface in a uniform appearance and in which the selected application's interface for more than one target device can be simultaneously viewed. The method also synchronizes the display representation, so that a simultaneous update to all of the selected target device representations is updated when information in a device-independent portion of the formal description is changed.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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☐ 2. Document ID: US 20030056176 A1

L15: Entry 2 of 4

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030056176
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030056176 A1

TITLE: Document processing method and apparatus, and print control method and apparatus

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tanaka, Satoshi	Kanagawa		JP	
Kazumi, Kenichi	Kanagawa		JP	
Nara, Shigeo	Kanagawa		JP	
Mori, Yasuo	Kanagawa		JP	

US-CL-CURRENT: 715/522; 715/527

ABSTRACT:

Attributes can be set for an entire document, each chapter, and each page by using an entire document attribute, chapter attribute, and page attribute. When the print format of a chapter is set with a chapter attribute different from the entire document attribute, this chapter is printed in a print format complying with the chapter attribute. Similarly, when the print format of a page is set with a page attribute different from the entire document attribute or chapter attribute, this page is printed in the print format complying with the page attribute. In hierarchically displaying the document structure with a book, chapters, and pages, a predetermined icon is so added as to identify a chapter or page having a unique attribute.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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☐ 3. Document ID: US 20030020747 A1

L15: Entry 3 of 4

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030020747
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030020747 A1

TITLE: User input peripheral device substitution for web commerce delivery

PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Korala, Aravinda	Edinburgh		GB	

US-CL-CURRENT: 345/744; 345/746, 345/760

ABSTRACT:

Self-service kiosk software for use in submitting web forms intended for completion by one type of user input device not provided on the kiosk using an alternative input device. Typically, the kiosk recognized an identifying device, such as a credit or smart card, held by the user. Enables a web form requiring alphanumeric information such as a credit card number to be completed on a self-service kiosk lacking a keyboard and having a credit card reader instead.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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☐ 4. Document ID: US 20020069228 A1

L15: Entry 4 of 4

File: PGPB

Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020069228

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020069228 A1

TITLE: Print control method and apparatus

PUBLICATION-DATE: June 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mori, Yasuo	Kanagawa		JP	
Nakagiri, Koji	Kanagawa		JP	
Nishikawa, Satoshi	Kanagawa		JP	

US-CL-CURRENT: 715/524; 715/517

ABSTRACT:

In printing a plurality of pages of print data on one paper sheet upon combining the pages, a print control apparatus inputs layout data for determining a layout of the respective pages, extracts a page data portion to be printed as a single page from the print data in accordance with the input layout data, holds the page data portion, and outputs print data generated from the held page data. In this apparatus, when paper sheets are folded to form printed matter with an appearance of a book, a plurality of print page data can be printed in each print area. The apparatus includes a designation unit for making designation with respect to layout data to combine and lay out a plurality of print data pages on one page of bound paper sheets on which printing is performed, and a generating unit for generating print data print data having a plurality of page data laid out on one page of the bound paper sheets in accordance with the layout data.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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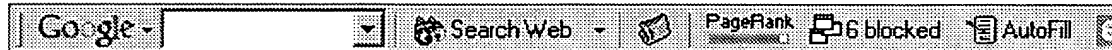
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 Richard Cardone , Adam Brown , Sean McDirmid , Calvin Lin

Proceedings of the 1st international conference on Aspect-oriented software development April 2002

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CHI '00 extended abstracts on Human factors in computing systems April 2000

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Dave Phillips

Linux Journal May 2003

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Norman Makoto Su , Yutaka Sakane , Masahiko Tsukamoto , Shojiro Nishio

Proceedings of the 8th annual international conference on Mobile computing and networking September 2002

As of now, it is not uncommon for one to use multiple computers in separate places such as at home, office or school. A number of applications currently exist to allow a user to easily access and control these computers remotely via a notebook computer or web page. Unfortunately, even with such solutions, it is rather inconvenient, for example, to try accessing your computer while walking downtown or riding a train. On the other hand, considering that cellular phones have been accepted as multi- ...

9 Profile-directed optimization of event-based programs 77%



Mohan Rajagopalan , Saumya K. Debray , Matti A. Hiltunen , Richard D. Schlichting

ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 2002 Conference on Programming language design and implementation May 2002

Volume 37 Issue 5

Events are used as a fundamental abstraction in programs ranging from graphical user interfaces (GUIs) to systems for building customized network protocols. While providing a flexible structuring and execution paradigm, events have the potentially serious drawback of extra execution overhead due to the indirection between modules that raise events and those that handle them. This paper describes an approach to addressing this issue using static optimization techniques. This approach, which explo ...

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1 An immersive path editor for keyframe animation using hand direct manipulation and 3D gearbox widgets

Osawa, N.; Asai, K.;

Proceedings. Seventh International Conference on Information Visualization, 2003. IV 2003. , 16-18 July 2003

Pages:524 - 529

[\[Abstract\]](#) [\[PDF Full-Text \(411 KB\)\]](#) IEEE CNF

2 Requirements elicitation using visual and textual information

Moore, J.M.; Shipman, F.M., III;

Requirements Engineering, 2001. Proceedings. Fifth IEEE International Symposium on , 27-31 Aug. 2001

Pages:308 - 309

[\[Abstract\]](#) [\[PDF Full-Text \(176 KB\)\]](#) IEEE CNF

3 Sizing and estimating the coding and unit testing effort for GUI systems

Lo, R.; Webby, R.; Jeffery, R.;

Software Metrics Symposium, 1996., Proceedings of the 3rd International , 25-26 March 1996

Pages:166 - 173

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4 Can XForm transform the Web? Transcending the Web as GUI.II

Khare, R.;

Internet Computing, IEEE , Volume: 4 , Issue: 2 , March-April 2000

Pages:103 - 106

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5 A component- and message-based architectural style for GUI software
Taylor, R.N.; Medvidovic, N.; Anderson, K.M.; Whitehead, E.J., Jr.; Robbins, J.E.; Nies, K.A.; Oreizy, P.; Dubrow, D.L.;
Software Engineering, IEEE Transactions on , Volume: 22 , Issue: 6 , June 1996
Pages:390 - 406

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6 Method of user-customizable GUI generation and its evaluation
Shirogane, J.; Fukazawa, Y.;
Software Engineering Conference, 1998. Proceedings. 1998 Asia Pacific , 2-4 Dec. 1998
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7 Eviss: a visual system having a spatial parser generator
Baba, A.; Tanaka, J.;
Computer Human Interaction, 1998. Proceedings. 3rd Asia Pacific , 15-17 July 1998
Pages:158 - 164

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8 Integrated management of large satellite-terrestrial networks
Baras, J.S.; Ball, M.; Roussopoulos, N.; Jang, K.; Stathatos, K.; Valluri, J.;
MILCOM 97 Proceedings , Volume: 1 , 2-5 Nov. 1997
Pages:383 - 387 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(580 KB\)\]](#) [IEEE CNF](#)

9 CoCoon: designing graphic user interfaces using space allocation
La Rosa, E.; Meroni, M.;
Systems, Man and Cybernetics, 1992., IEEE International Conference on , 18-21 Oct. 1992
Pages:662 - 667 vol.1

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10 Creating visual objects by direct manipulation
Tonouchi, T.; Nakayama, K.; Matsuoka, S.; Kawai, S.;
Visual Languages, 1992. Proceedings., 1992 IEEE Workshop on , 15-18 Sept. 1992
Pages:95 - 101

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11 Dynamic color allocation method for color-mapped displays
Miyamoto, T.; Shirota, Y.; Wakita, Y.; Kunieda, T.;
Communications, Computers and Signal Processing, 1997. '10 Years PACRIM 1987-1997 - Networking the Pacific Rim'. 1997 IEEE Pacific Rim Conference on , Volume: 1 , 20-22 Aug. 1997

Pages:85 - 92 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(548 KB\)\]](#) [IEEE CNF](#)

12 PENGUIN-a Programmable, Extensible, Network Graphical User Interface

Yuh-Tay Liow; Joyce, R.;

Industrial Electronics, Control, and Instrumentation, 1993. Proceedings of the IECON '93., International Conference on , 15-19 Nov. 1993

Pages:109 - 114 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) [IEEE CNF](#)

13 A neural network toolbox for application simulation

Lothers, M.; Cox, C.; Martinez, O.; Pap, R.; Thomas, C.;

Systems, Man and Cybernetics, 1992., IEEE International Conference on , 18-21 Oct. 1992

Pages:1351 - 1357 vol.2

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